

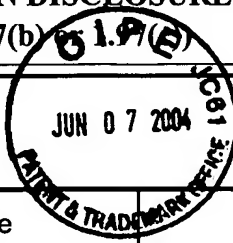
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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. BerganoC3	
In Re Application Of: Neil S. Bergano				
Serial No. 10/689,484	Filing Date 10/20/2003	Examiner		Group Art Unit
Title: SYNCHRONOUS AMPLITUDE MODULATION FOR IMPROVED PERFORMANCE OF OPTICAL TRANSMISSION SYSTEMS				
<p>Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p>37 CFR 1.97(b)</p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p>37 CFR 1.97(c)</p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p>OR</p> <p><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>				

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(Under 37 CFR 1.97(b) 31.9(e))

Docket No.
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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____
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Signature

Dated: June 4, 2004

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

JUN 07 2004

Docket Number (Optional)

BerganoC3

Application Number

10/689,484

Applicant(s)

Bergano

Filing Date

10/20/2003

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,190,802	02/26/1980	Levine	325	320	
		4,829,598	05/09/1989	Auracher et al	455	619	
		5,050,176	09/17/1991	Naito et al	372	26	
		5,115,332	05/19/1992	Naito et al	359	189	
		5,228,043	07/13/1993	Naito et al	372	32	
		5,319,438	06/07/1994	Kiasaleh	356	345	
		5,463,461	10/31/1995	Horiuchi et al	356	349	
		5,543,952	08/06/1996	Yonenaga et al	359	181	
		6,396,605	05/28/2002	Heflinger et al	359	154	
		6,559,996	05/06/2003	Miyamoto et al	359	181	
		2003/0002121	01/02/2003	Miyamoto et al	359	183	06/26/2002

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Atia et al; "Demonstration of Return-to-Zero Signaling in Both OOK and DPSK Formats to Improve Receiver Sensitivity in an Optically Preamplified Receiver"; 1999; IEEE, pp. 226-227.

Abbas et al; "Local-Oscillator Excess-Noise Suppression for Homodyne and Heterodyne Detection"; Aug. 1983; Optics Letters, Vol. 8, No. 8; pp. 419-421.

EXAMINER

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2003/0007216	01/09/2003	Chraplyvy et al	359	161	11/21/2001
		2003/0007231	01/09/2003	Winzer	359	245	04/26/2002
		2003/0090768	05/15/2003	Liu et al	359	183	11/21/2001
		2003/0210912	11/13/2003	Leuthold et al	398	188	05/13/2002

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Yonenaga et al; "Reduction of Four-Wave Mixing Induced Penalty in Unequally Spaced WDM Transmission System by Using Optical DPSK" Nov. 7, 1996; Electronics Letters; Vol. 32, No. 23.

Swanson et al; "High Sensitivity Optically Preamplified Direct Detection DPSK Receiver with Active Delay-Line Stabilization"; Feb. 1994; IEEE Photonics Technology Letters, Vol. 6, No. 2, pp. 263-265.

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	Yonenaga et al; "Dispersion Compensation for Homodyne Detection Systems Using a 10-Gb/s Optical PSK-VSB Signal"; Aug. 1995; IEEE Photonics Technology Letters, Vol. 7, No. 8, pp. 929-931.
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	Gordon et al; "Phase Noise in Photonic Communications Systems Using Linear Amplifiers"; Dec. 1990, Optics Letters; Vol. 15, No. 23; pp. 1351-1353.
	Gordon et al; "Effects of Fiber Nonlinearities and Amplifier Spacing on Ultra-Long Distance Transmission"; Feb. 1991; Journal of Lightwave Technology, Vol. 9, No. 2; pp. 170-173.
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	Gnauch et al; "2.5 Tb/s (64x42.7 Gb/s) Transmission Over 40x100 km NZDSF Using RZ-DPSK Format and All-Raman-Amplified Spans"; OFC 2002; pp. FC2-1 - FC2-3.
	Shum et al; "Analysis of a DPSK Soliton Transmission System"; 1997; Optics & Laser Technology, Vol. 29, No. 7; pp. 411-414.
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	Chinn et al; "Sensitivity of Optically Preamplified DPSK Receivers with Fabry-Perot Filters"; March 1996; Journal of Lightwave Technology, Vol. 14, No. 3; pp. 370-376.
	Wei et al; "Q Factor in Numerical Simulations of DPSK with Optical Delay Demodulation" pp. 1-3
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